

Converting Colors

$Yxy(74.4831, 0.2929, 0.3467)$

Have a look what the booklet for
Yxy(74.4831, 0.2929, 0.3467)
contains.

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Color

Yxy(74.7264, 0.2930, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	BDEADA
RGB	189, 234, 218
RGB Percent	74%, 92%, 85%
CMY	0.2589, 0.0823, 0.1450
CMYK	0.19, 0.00, 0.07, 0.08
HSL	159°, 52%, 83%
HSV	159°, 19%, 92%
XYZ	63.0612, 74.7264, 77.4382
YIQ	218.7210, -21.6840, -14.5160

Conversions

Conversions Part 2

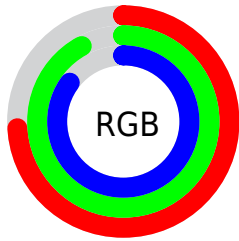
Format	Color
R _{YB}	189, 216, 234
Decimal	12446426
CIE _{Lab}	89.26, -17.64, 2.97
CIE _{LCh}	89, 17.883, 170.449
Y _{xy}	74.7264, 0.2930, 0.3472
Android (android.graphics.Color)	4290636506 (0xFFBDEADA)
Y _{UV}	218.7210, -0.3555, -26.0653
Hunter-Lab	86.4444, -21.0621, 7.3982

Details

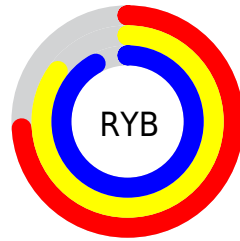
The Yxy color **74.7264, 0.2930, 0.3472** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.2868, 0.3375, 0.3115**, and the grayscale version is **70.6485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.6360, 0.2885, 0.3516** is the 20% darker color. If you saturate the color by 10%, you get **71.5504, 0.2836, 0.3581**, and if you desaturate by 10%, it is **78.4132, 0.3031, 0.3373**.

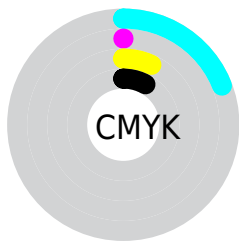
Distribution



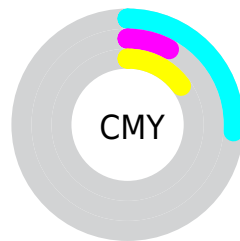
- Red (74%)
- Green (92%)
- Blue (85%)



- Red (74%)
- Yellow (85%)
- Blue (92%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (8%)





- Cyan (26%)
- Magenta (8%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.7264, 0.2930, 0.3472 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 74.7264, 0.2930, 0.3472 by changing the saturation by 10% instead.


 74.7264, 0.2930,
0.3472

 74.7264, 0.2930,
0.3472


476.9766, 0.3021,
0.3387

 55.3888, 0.2909,
0.3492


 125.9250, 0.2962,
0.3442

 39.7131, 0.2883,
0.3516


158.5548, 0.2974,
0.3431

 27.3149, 0.2851,
0.3547


196.3840, 0.2985,
0.3421

 17.8099, 0.2808,
0.3587

239.7972, 0.2994,
0.3413

 10.8136, 0.2749,
0.3643

289.1786, 0.3002,
0.3405

 5.9416, 0.2665,
0.3725


344.9127, 0.3009,

 2.8096, 0.2531,


0.3398

0.3856

407.3840, 0.3016,
0.3393


 1.0332, 0.2189,
0.4155


 0.0000, 0.0000,
0.0000


 74.7264, 0.2930,
0.3472


 74.7264, 0.2930,
0.3472

 71.5504, 0.2836,
0.3581


 78.4132, 0.3031,
0.3373


 68.8526, 0.2751,
0.3699

 82.6233, 0.3135,
0.3284

 66.6105, 0.2678,
0.3825

 86.5787, 0.3213,
0.3203

 64.7966, 0.2621,
0.3958

 87.0922, 0.3160,
0.3123

■ 63.3800, 0.2583,
0.4094

■ 87.3306, 0.3137,
0.3088

■ 62.3255, 0.2564,
0.4233

■ 61.5916, 0.2566,
0.4371

■ 61.1133, 0.2586,
0.4506

■ 61.0813, 0.2588,
0.4516

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.7264, 0.3136, 0.3619



74.7264, 0.2930, 0.3472



74.7264, 0.2780, 0.3274

Triad

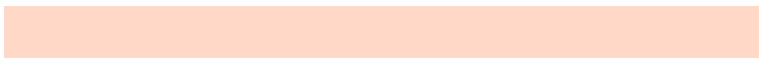
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.7264, 0.2930, 0.3472



74.7264, 0.2905, 0.2933



74.7264, 0.3551, 0.3469

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



74.7264, 0.2930, 0.3472



58.2868, 0.3375, 0.3115

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.7264, 0.3486, 0.3290



74.7264, 0.2930, 0.3472



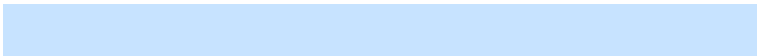
74.7264, 0.3107, 0.2988

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.7264, 0.2930, 0.3472



74.7264, 0.2765, 0.2967



74.7264, 0.3321, 0.3116



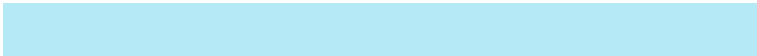
74.7264, 0.3498, 0.3609

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.7264, 0.2930, 0.3472



74.7264, 0.2729, 0.3146



74.7264, 0.3321, 0.3116



74.7264, 0.3543, 0.3411

Sweetspot

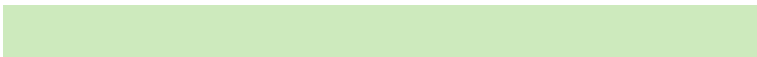
The Sweet Spot groups the original color and five complimentary colors.



74.7295, 0.2930, 0.3472



96.8677, 0.3064, 0.3343



75.5728, 0.3215, 0.3801



20.6638, 0.3057, 0.3349



0.0000, 0.0000, 0.0000



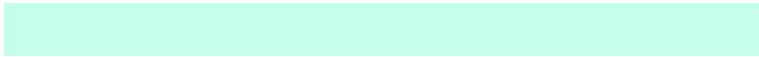
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



74.7295, 0.2930, 0.3472



89.2529, 0.2893, 0.3513



72.2467, 0.2835, 0.3221



17.0258, 0.3028, 0.3375



34.3463, 0.2582, 0.4495



2.7152, 0.2530, 0.4307

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



58.2868, 0.3375, 0.3115



65.9172, 0.3437, 0.3078



60.1900, 0.3494, 0.3358



15.1424, 0.3237, 0.3207



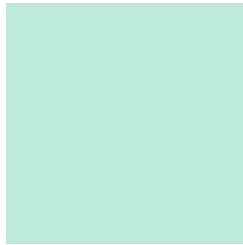
10.2035, 0.5553, 0.2833



0.8190, 0.5170, 0.2622

Previews

White Background



This preview shows how the Yxy color 74.7264, 0.2930, 0.3472 looks on a white background.

Color Contrast Check

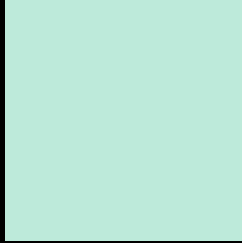
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 74.7264, 0.2930, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

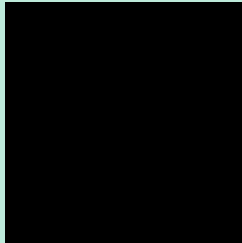
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

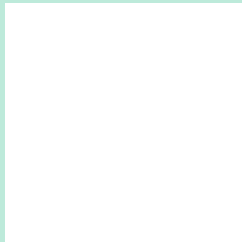
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.7264, 0.2930, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 74.7264, 0.2930, 0.3472.

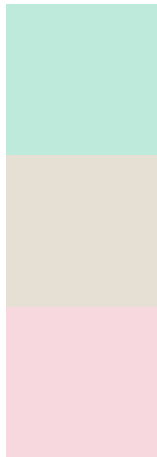


This preview shows how white text looks on a background with the Yxy color 74.7264, 0.2930, 0.3472.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

74.7264, 0.2930, 0.3472

Protanopia

74.3518, 0.3250, 0.3408

Deuteranopia

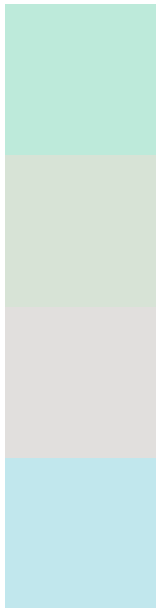
73.9785, 0.3306, 0.3229



Tritanopia

74.9730, 0.2794, 0.3093

Trichromacy



Original Color

74.7264, 0.2930, 0.3472

Protanomaly

74.2403, 0.3127, 0.3433

Deuteranomaly

74.0034, 0.3154, 0.3312

Tritanomaly

74.6037, 0.2845, 0.3223

Monochromacy



Original Color

74.7264, 0.2930, 0.3472

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.8357, 0.3048, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.7264, 0.2930, 0.3472 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(189, 234, 218)` looks like.

```
.text, #text, p{  
    color:rgb(189, 234, 218)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(189, 234, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 234, 218) }
```

Border

The CSS property to change the border of an element to Yxy 74.7264, 0.2930, 0.3472 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(189, 234, 218) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(189, 234, 218) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(189, 234, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 234, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 234, 218);  
box-shadow:4px 4px 4px 4px rgb(189, 234,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 74.7264, 0.2930, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 234, 218) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(189,  
234, 218) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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